

10/576581

AP20 Rec'd PCT/PTO 20 APR 2006

Docket No.: 0020-5482PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hitoshi BAN et al.

Application No.: NEW

Confirmation No.: N/A

Filed: April 20, 2006

Art Unit: N/A

For: NOVEL PIPERIDINE DERIVATIVE

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Copies of the references on the PTO/SB/08 are not provided.

US Publication No. 2004/44036 corresponds to WO 2002/014280. US Patent No. 4,843,081 corresponds to US Patent No. 4,795,757. US Patent No. 5,605,923 corresponds to JP Patent No. 7,508,263. US Patent No. 5,453,518 corresponds to JP Patent No. 6,25213. US Patent Nos. 3,708,597 and US 3,763,164. correspond to FR Patent No. 1316888. US Publication No. 2003/229067 corresponds to WO 2003/053361. US Publication No. 2002/13321 corresponds to JP Patent No. 2002-524445.

Application No.: NEW

10/576581

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Those documents which are marked with a double asterisk (\*\*) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in a prior application number PCT/JP2004/015773, filed October 19, 2004.

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

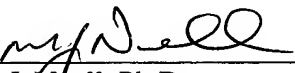
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: April 20, 2006

Respectfully submitted,

By 

Mark J. Nuell, Ph.D.

Registration No.: 36,623

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road

Suite 100 East

P.O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

Attorney for Applicant

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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	NEW 1576501
				Filing Date	April 20, 2006 0501
				First Named Inventor	Hitoshi BAN
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	0020-5482PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2005/0165057-A1	07-28-2005	Ban et al.	
	AB*	US-2004/44036	03-04-2004	Nakai et al.	
	AC*	US-4,795,757-A	01-03-1989	Regan et al.	
	AD*	US-4,843,081	06-27-1989	Regan et al.	
	AE*	US-3,759,974-A	09-18-1973	Treiber et al.	
	AF*	US-5,605,923	02-25-1997	Christensen, IV et al.	
	AG*	US-5,453,518	09-26-1995	Leonardi et al.	
	AH*	US-3,979,444-A	09-07-1976	Lednicer	
	AI*	US-3,970,656-A	07-20-1976	May	
	AJ*	US-3,627,772-A	12-14-1971	Freter et al.	
	AK*	US-3,708,597	01-2-1973	Herbert Merz et al.	
	AL*	US-2,486,792-A	11-01-1949	Karl Miescher et al.	
	AM*	US-2,551,152-A	05-01-1951	Karl Miescher et al.	
	AN*	US-2003/229067-A1	12-11-2003	Castelhano et al.	
	AO*	US-2002/13321	01-31-2002	Liras	
	AP*	US-3,763,164-A	10-2-1973	Herbert Merz et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA**	WO-2003/091216-A1	11-06-2003			
	BB**	WO-2004/096801-A1	11-11-2004			
	BC**	WO-2004/056771-A1	07-08-2004			
	BD**	WO-2004/020411-A1	03-11-2004			
	BE**	WO-2002/014280-A1	02-21-2002			
	BF**	JP-2003-505420-A	02-12-2003			
	BG**	JP-2002-521472-A	07-16-2002			
	BH**	JP-7-508263-A	09-14-1995			
	BI**	JP-6-25213-A	02-01-1994			
	BJ**	DE-2109155-A1	09-14-1972			
	BK**	DE-752755-C2	11-10-1952			
	BL**	GB-948874-A	02-05-1964			
	BM**	FR-1316888-A	04-26-1963			
	BN**	JP-50-5197-B1	02-28-1975			
	BO**	CH-277304-B	11-16-1951			
	BP**	GB-591992-A	09-04-1947			
	BQ**	WO-2003/053361-A2	07-03-2003			
	BR**	JP-9-500361-A	01-14-1997			
	BS**	JP-2002-524445-A	08-06-2002			

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known.</b>	
				Application Number	NEW 11/576581
				Filing Date	April 20, 2006
				First Named Inventor	Hitoshi BAN
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	0020-5482PUS1
Sheet	2	of	2		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. \*\* CITE NO.: Those document(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA**	TAKEDA, Mikio et al., Chemical & Pharmaceutical Bulletin, 1977, vol. 25, no. 4, p. 775-83.	
	CB**	DEI, Silvia et al., Journal of Medicinal Chemistry, 1991, vol. 34, no. 7, p. 2219-25	
	CC**	PEREIRA, Elene et al., Biochemical Pharmacology, 1995, vol. 50, no. 4, p. 451-7	
	CD**	Burkholder, Timothy P. et al., Bioorganic & Medicinal Chemistry Letters, 1997, vol. 7, no. 19, p. 2531-6	
	CE**	THOMPSON Doug et al., Journal of Heterocyclic Chemistry, 1983, vol. 20, p. 771-2	

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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